

CLAIMS

What is claimed is:

1. A planarizing element comprising planarizing layer, wherein the planarizing layer comprises a crosslinkable binder, and wherein the crosslinkable binder has a weight average molecular weight of about 20,000 to about 110,000.
2. The planarizing element of Claim 1 wherein the crosslinkable binder has a weight average molecular weight of about 30,000 to about 100,000.
3. The planarizing element of Claim 1 wherein the crosslinkable binder has a weight average molecular weight of 50,000 to about 85,000.
4. The planarizing element of Claim 1 wherein the crosslinkable binder is a polymer prepared by emulsion polymerization or solution polymerization.
5. The planarizing element of Claim 4 wherein the crosslinkable binder is prepared from monomers selected from the group consisting of acrylic acid and esters, methacrylic acid and esters, and styrene.
6. The planarizing element of Claim 1 further comprising coating aids, UV stabilizers, UV-filters, UV absorbers, small molecule crosslinking aids, plasticizers, flow additives, adhesion promoters, antistatic agents, and surfactants.
7. A method for making a color image comprising:
 - (1) imagewise exposing to laser radiation a laserable assemblage comprising:
 - (A) a donor element comprising a thermally imageable layer, and
 - (B) a receiver element comprising:
 - (a) a receiver support; and
 - (b) an image receiving layer provided on the surface of the receiver support; whereby the exposed areas of the thermally imageable layer are transferred to the receiver element to form a colorant-containing image on the image receiving layer; and
 - (2) separating the donor element (A) from the receiver element (B), thereby revealing the colorant-containing

image on the image receiving layer of the receiver element;

- (3) optionally applying the colorant-containing image on the image receiving layer of the receiver element to a permanent substrate, and removing the receiver support to transfer the colorant-containing image on the image receiving layer to the permanent substrate, and
- (4) applying a planarizing element comprising a support and a planarizing layer to the image receiving layer, and removing the support, wherein the planarizing layer is adjacent the colorant-containing image, and wherein the planarizing layer comprises a crosslinkable binder having a weight average molecular weight of about 20,000 to about 110,000.

8. The method of Claim 7 wherein the crosslinkable binder has a weight average molecular weight of about 30,000 to about 100,000.

9. The method of Claim 8 wherein the crosslinkable binder has a weight average molecular weight of 50,000 to about 85,000.

10. The method of Claim 7 wherein the thermally imageable layer, image receiving layer or both comprise a crosslinkable binder having a number average molecular weight of about 1,500 to about 70,000.

11. The method for making a color image of Claim 7 wherein step (3) is optional, and the receiver support is a transparent material.

12. The method for making a color image of Claim 7 wherein permanent substrate is a transparent material.

13. The method for making a color image of Claim 11 or 12 wherein transparent material is glass.

14. The method for making a color image of Claim 11 or 12 wherein transparent material is treated glass.

15. The method for making a color image of Claim 11 or 12 wherein the transparent material is a rigid plastic,

16. The method for making a color image of Claim 15 wherein the rigid plastic is polycarbonate.

17. The method for making a color image of Claim 7 wherein the crosslinkable binder is a polymer prepared by emulsion polymerization or solution polymerization.

18. The method for making a color image of Claim 17 wherein the crosslinkable binder is prepared from monomers selected from the group consisting of acrylic acid and esters, methacrylic acid and esters, and styrene.

5 19. The method for making a color image of Claim 7 wherein the applying is by laminating.

20. A method for making a color image comprising:

(1) imagewise exposing to laser radiation a laserable assemblage comprising:

10 (A) a donor element having a thermally imageable layer, and

(B) a permanent substrate; whereby the exposed areas of the thermally imageable layer are transferred to the permanent substrate to form a colorant-containing image on the permanent substrate;

15 (2) separating the donor element (A) from the permanent substrate (B), thereby revealing the colorant-containing image on the permanent substrate, and

20 (3) applying a planarizing element comprising a support and a planarizing layer to the colorant-containing image, and removing the support, wherein the planarizing layer is adjacent the colorant-containing image, and wherein the planarizing layer comprises a crosslinkable binder having a weight average molecular weight of about 20,000 to about 110,000.

21. The method of Claim 20 wherein the crosslinkable binder has a weight average molecular weight of about 30,000 to about 100,000.

22. The planarizing element of Claim 21 wherein the crosslinkable binder has a weight average molecular weight of 50,000 to about 85,000.

30 23. The method for making a color image of Claim 20 wherein permanent substrate is a transparent material.

24. The method for making a color image of Claim 23 wherein transparent material is glass.

35 25. The method for making a color image of Claim 23 wherein transparent material is treated glass.

26. The method for making a color image of Claim 23 wherein the transparent material is a rigid plastic,

27. The method for making a color image of Claim 26 wherein the rigid plastic is polycarbonate.

28. A liquid crystal display comprising a color filter, wherein the color filter is prepared using a thermal imaging process, and a planarizing element comprising a planarizing layer having a crosslinkable binder, having a weight average molecular weight of about 20,000 to about 110,000.

29. The liquid crystal display of Claim 28 wherein the crosslinkable binder has a weight average molecular weight of about 30,000 to about 100,000.

30. The liquid crystal display of Claim 29 wherein the crosslinkable binder has a weight average molecular weight of 50,000 to about 85,000.

31. The liquid crystal display of Claim 28 comprising a color filter having a glass substrate.

32. The liquid crystal display of Claim 31 wherein the glass substrate has a black matrix thereon.

33. The liquid crystal display of Claim 32 comprising a color filter having at least three color images thereon.

34. The liquid crystal display of Claim 33 wherein the color images are red, blue and green.